

# hw2

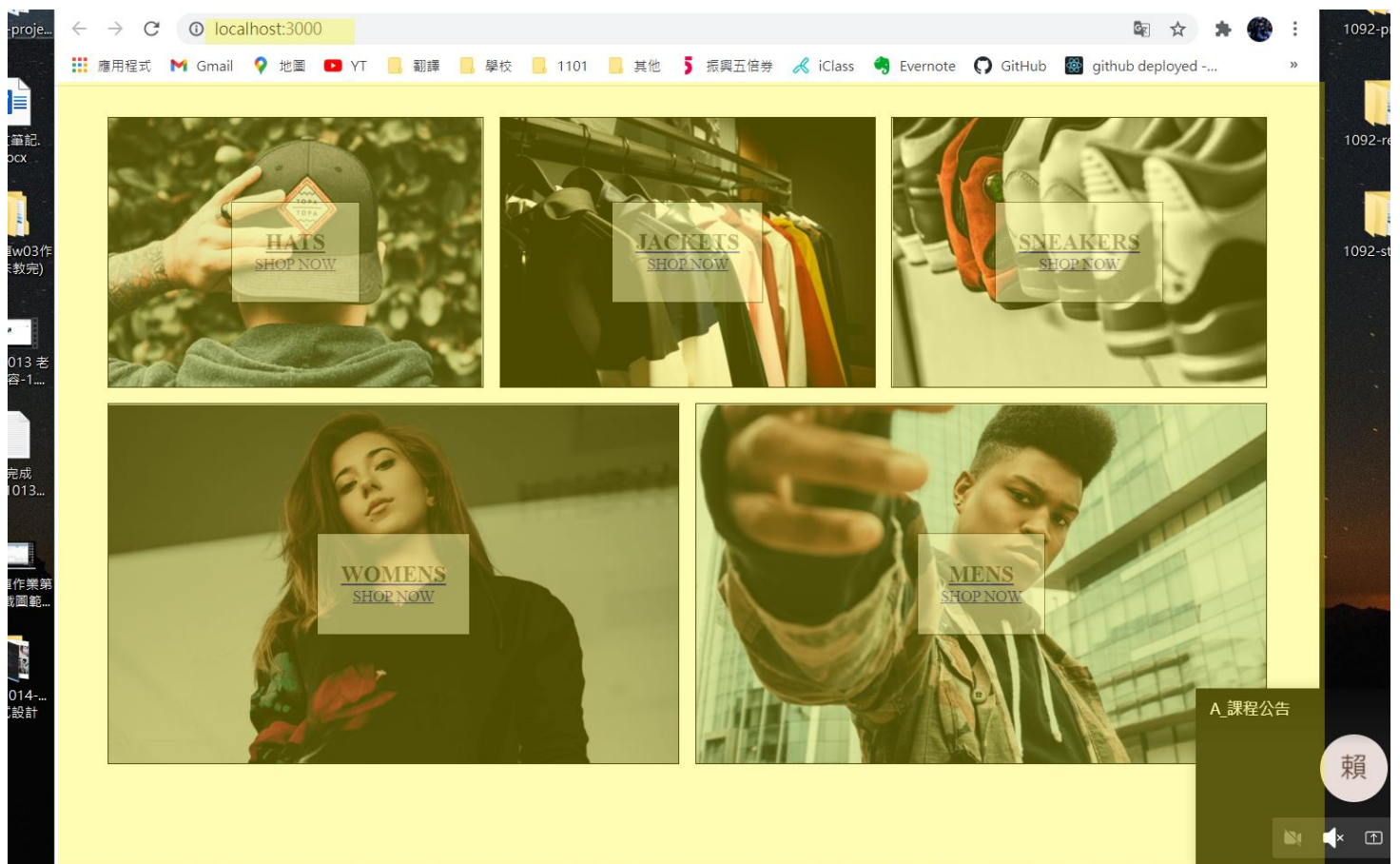
## 0. 心得甘苦談

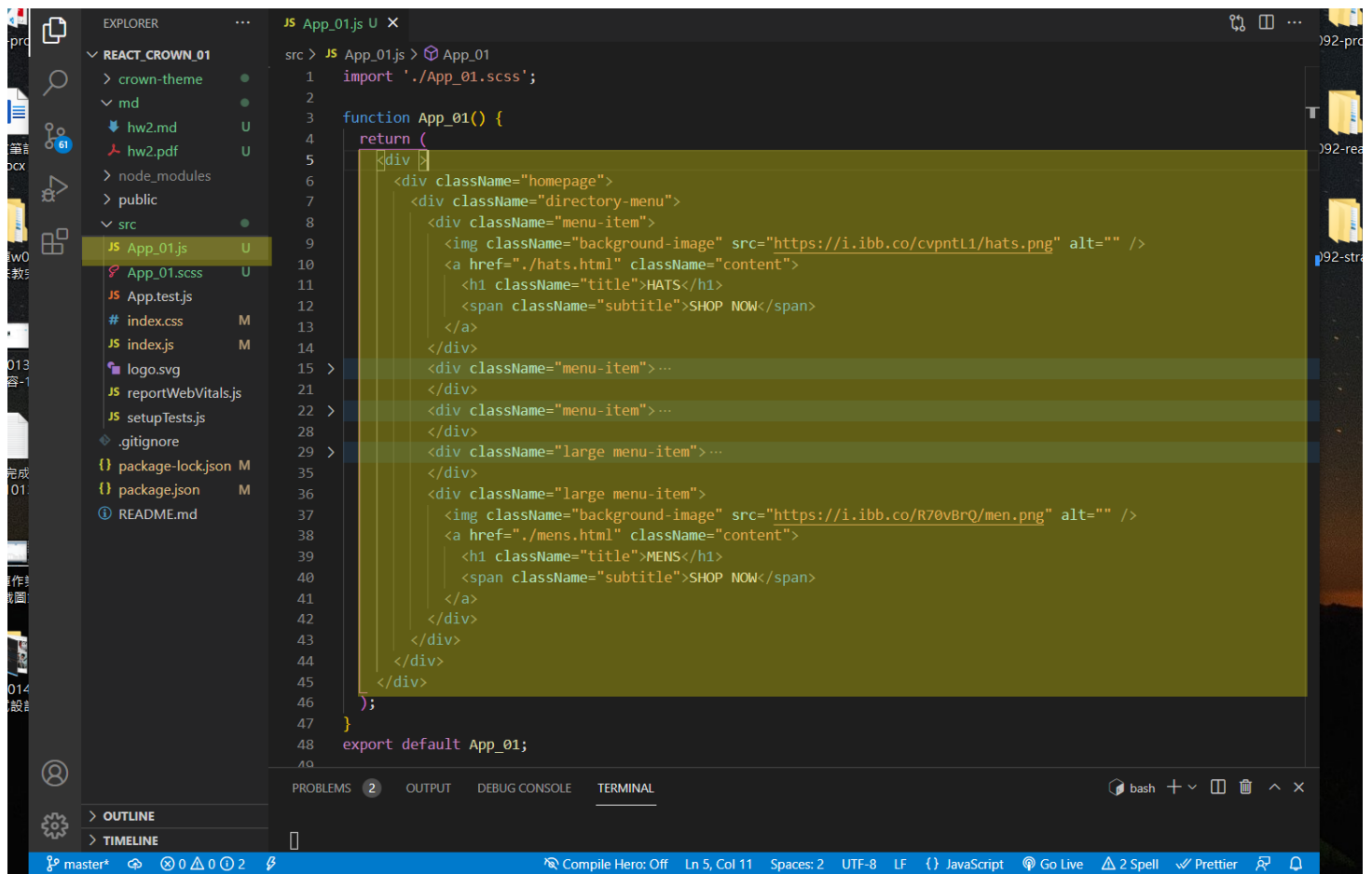
第 4 題路由/shop\_xx 不知道怎麼用，於是上網找資料，發現 HashRouter 可以解決問題，但是路由會變成/#/shop\_xx。

### 參考資料

1. (local) 請以 App\_xx.js 顯示下圖片，繳交

- Chrome 截圖
- 目錄結構及 App\_xx 部分內容截圖 (以學號後 2 碼來展開 category 內容，其他收起)
- App\_xx.js code (程式碼，非圖片)





```
import './App_01.scss';

function App_01() {
  return (
    <div>
      <div className="homepage">
        <div className="directory-menu">
          <div className="menu-item">
            
            <a href="/hats.html" className="content">
              <h1 className="title">HATS</h1>
              <span className="subtitle">SHOP NOW</span>
            </a>
          </div>
          <div className="menu-item">
            
            <a href="/jackets.html" className="content">
              <h1 className="title">JACKETS</h1>
              <span className="subtitle">SHOP NOW</span>
            </a>
          </div>
          <div className="menu-item">
            
            <a href="/sneakers.html" className="content">
              <h1 className="title">SNEAKERS</h1>
              <span className="subtitle">SHOP NOW</span>
            </a>
          </div>
          <div className="large menu-item">
            
            <a href="/womens.html" className="content">
              <h1 className="title">WOMENS</h1>
              <span className="subtitle">SHOP NOW</span>
            </a>
          </div>
        </div>
      </div>
    </div>
  );
}
```

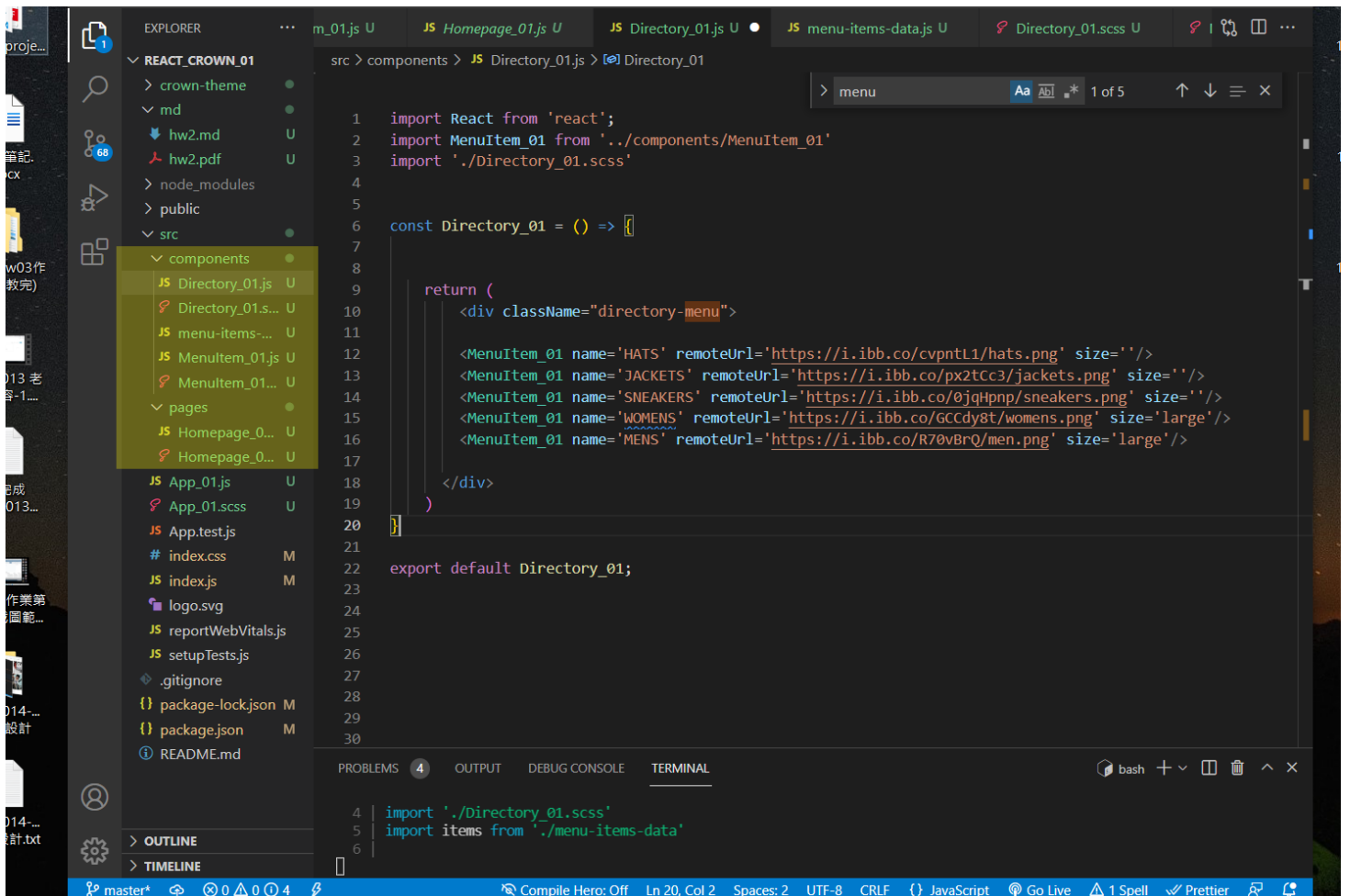
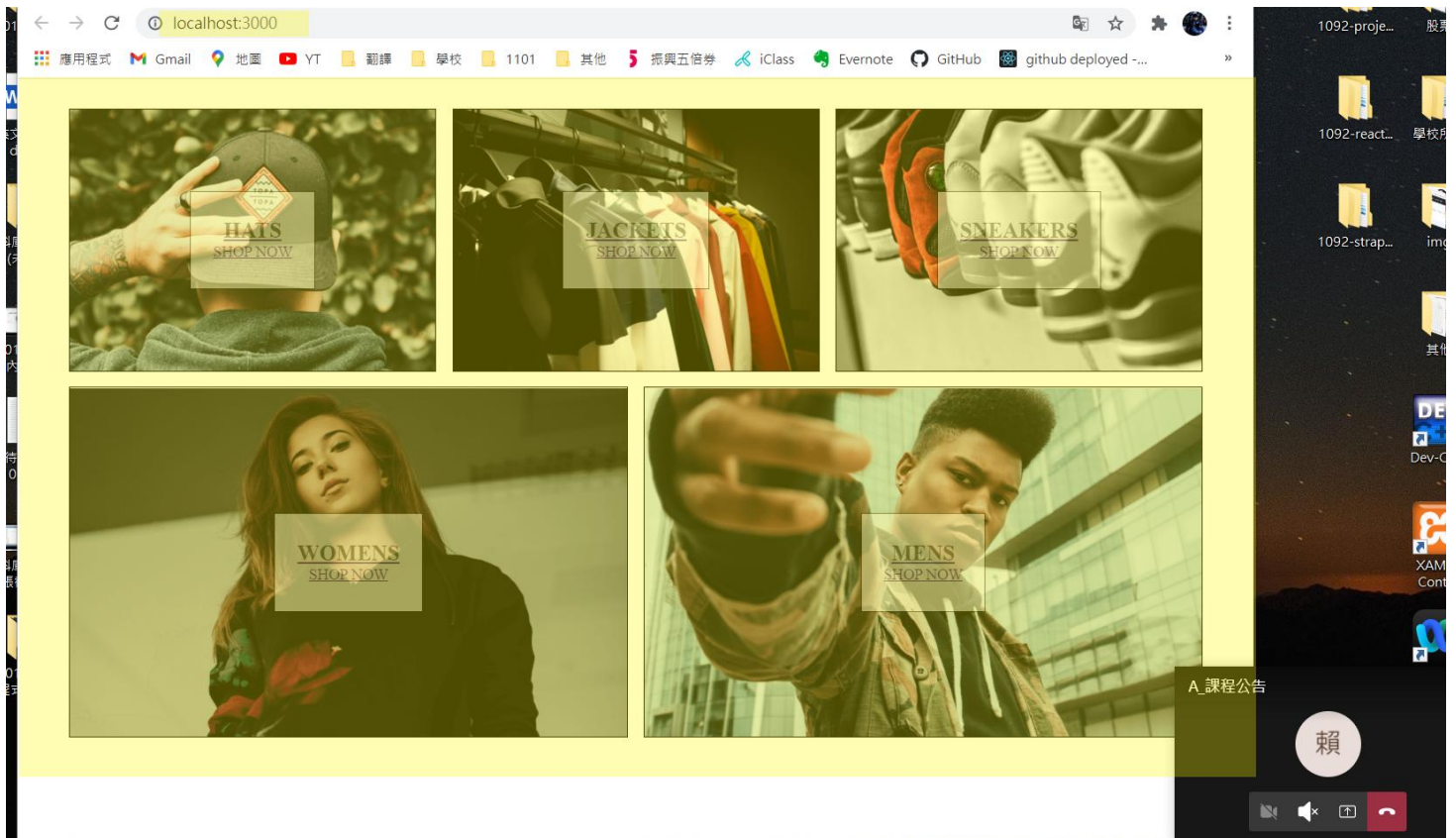
```

    <div className="large menu-item">
      
      <a href="./mens.html" className="content">
        <h1 className="title">MENS</h1>
        <span className="subtitle">SHOP NOW</span>
      </a>
    </div>
  </div>
</div>
</div>
);
}
export default App_01;

```

**2. (local) 將 homepage 分成如下圖的 components，Homepage\_xx.js, Direcory\_xx.js, Menulitem\_xx.js，並且能夠正常顯示如第 1 題。繳交**

- Chrome 截圖
- 目錄結構，要含所有用到的 components
- Homepage\_xx.js code (程式碼，非圖片)
- Directory\_xx.js code
- Menulitem\_xx.js code



Homepage\_xx.js code:

```

import React from 'react';
import Directory_01 from '../components/Directory_01.js';
import './Homepage_01.scss';
const Homepage_01 = () => {
  return (
    <div className="homepage">
      <Directory_01 />
    </div>
  );
};

export default Homepage_01;

```

### Directory\_xx.js code:

```

import React, { useState } from 'react';
import MenuItem_01 from '../components/MenuItem_01';
import './Directory_01.scss';
import items from './menu-items-data';

const Directory_01 = () => {
  const [menuItems, setMenuItems] = useState(items);
  console.log('menuItems', menuItems);

  return (
    <div className="directory-menu">
      {menuItems.map((items) => {
        const { id, name, remoteUrl, size } = items;
        return (
          <MenuItem_01 key={id} name={name} remoteUrl={remoteUrl} size={size} />
        );
      })}
    </div>
  );
};

export default Directory_01;

```

### MenuItem\_xx.js code:

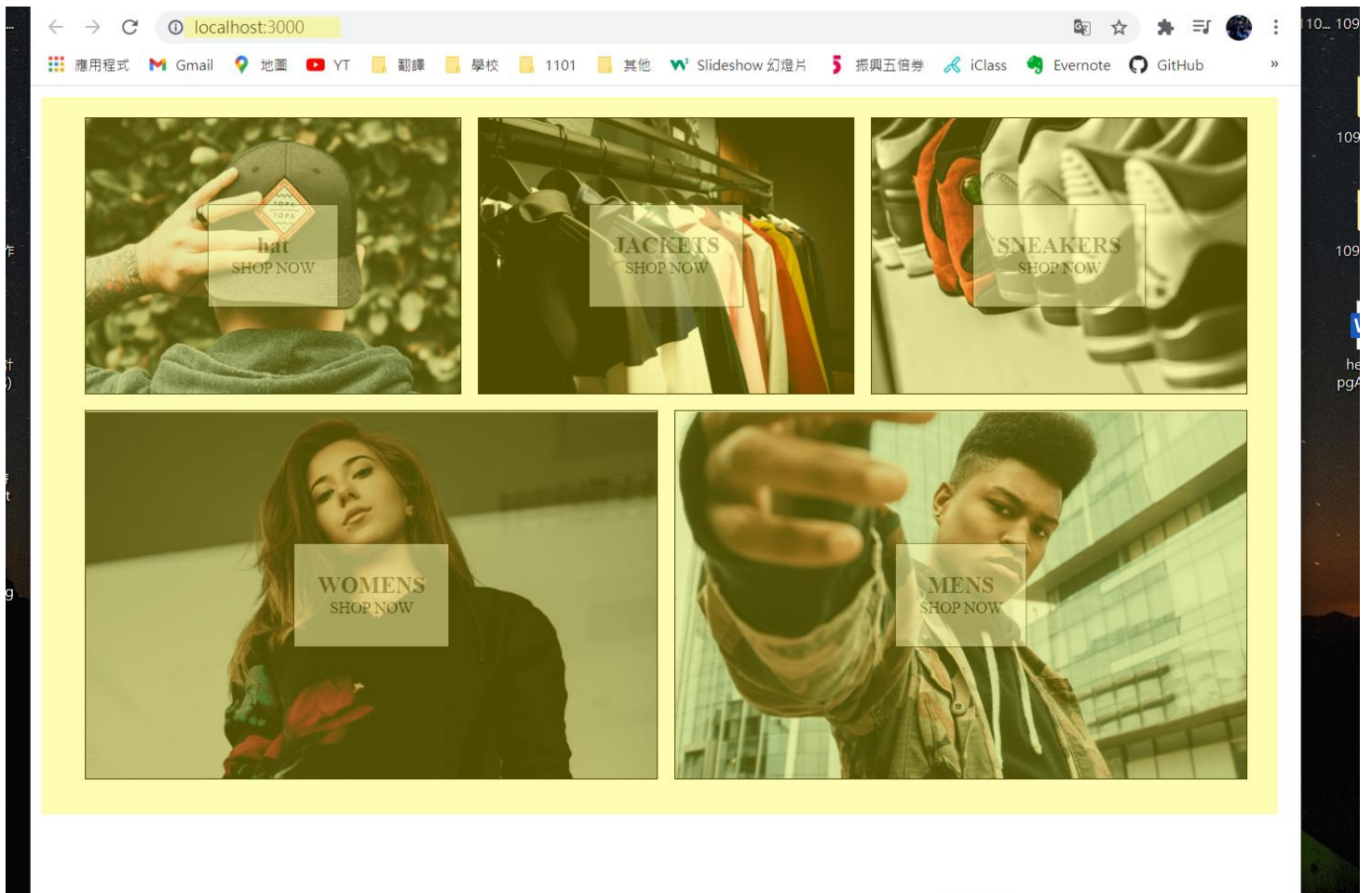
```
import React from 'react';
import './MenuItem_01.scss';
const MenuItem_01 = ({ name, remoteUrl, size }) => {
  return (
    <div className={` ${size} menu-item`>
      <img className="background-image" src={remoteUrl} alt="" />
      <a href="./hats.html" className="content">
        <h1 className="title">{name}</h1>
        <span className="subtitle">SHOP NOW</span>
      </a>
    </div>
  );
};

export default MenuItem_01;
```

3. (local) 將 menu items 五筆資料放入 JSON 陣列中，並能正常顯示如第 1 題。繳交

- Chrome 截圖
- JSON 陣列 (程式碼，非圖片)
- Directory\_xx.js code (程式碼，非圖片)





JSON 陣列:



```
const items = [
  {
    id: 1,
    name: 'HATS',
    remoteUrl: 'https://i.ibb.co/cvpntL1/hats.png',
    size: '',
  },
  {
    id: 2,
    name: 'JACKETS',
    remoteUrl: 'https://i.ibb.co/px2tCc3/jackets.png',
    size: '',
  },
  {
    id: 3,
    name: 'SNEAKERS',
    remoteUrl: 'https://i.ibb.co/0jqHnpn/sneakers.png',
    size: '',
  },
  {
    id: 4,
    name: 'WOMENS',
    remoteUrl: 'https://i.ibb.co/GCCdy8t/womens.png',
    size: 'large',
  },
  {
    id: 5,
    name: 'MENS',
    remoteUrl: 'https://i.ibb.co/R70vBrQ/men.png',
    size: 'large',
  },
];

export default items;
```

**Directory\_xx.js code:**

```

import React, { useState } from 'react';
import MenuItem_01 from '../components/MenuItem_01';
import './Directory_01.scss';
import items from './menu-items-data';

const Directory_01 = () => {
  const [menuItems, setMenuItems] = useState(items);
  console.log('menuItems', menuItems);

  return (
    <div className="directory-menu">
      {menuItems.map((items) => {
        const { id, name, remoteUrl, size } = items;
        return (
          <MenuItem_01 key={id} name={name} remoteUrl={remoteUrl} size={size} />
        );
      })}
    </div>
  );
};

export default Directory_01;

```

4. (local, github) 實作路由 /shop\_xx，可以顯示 overview.html 內兩種 category 的資訊 (c1, c2)，每一 category 要顯示 4 筆資料。c1, c2 由學號後兩碼來決定，顯示順序先 c1 再 c2，說明如下：

1, 6 -- hats

2, 7 -- jackets

3, 8 -- sneakers

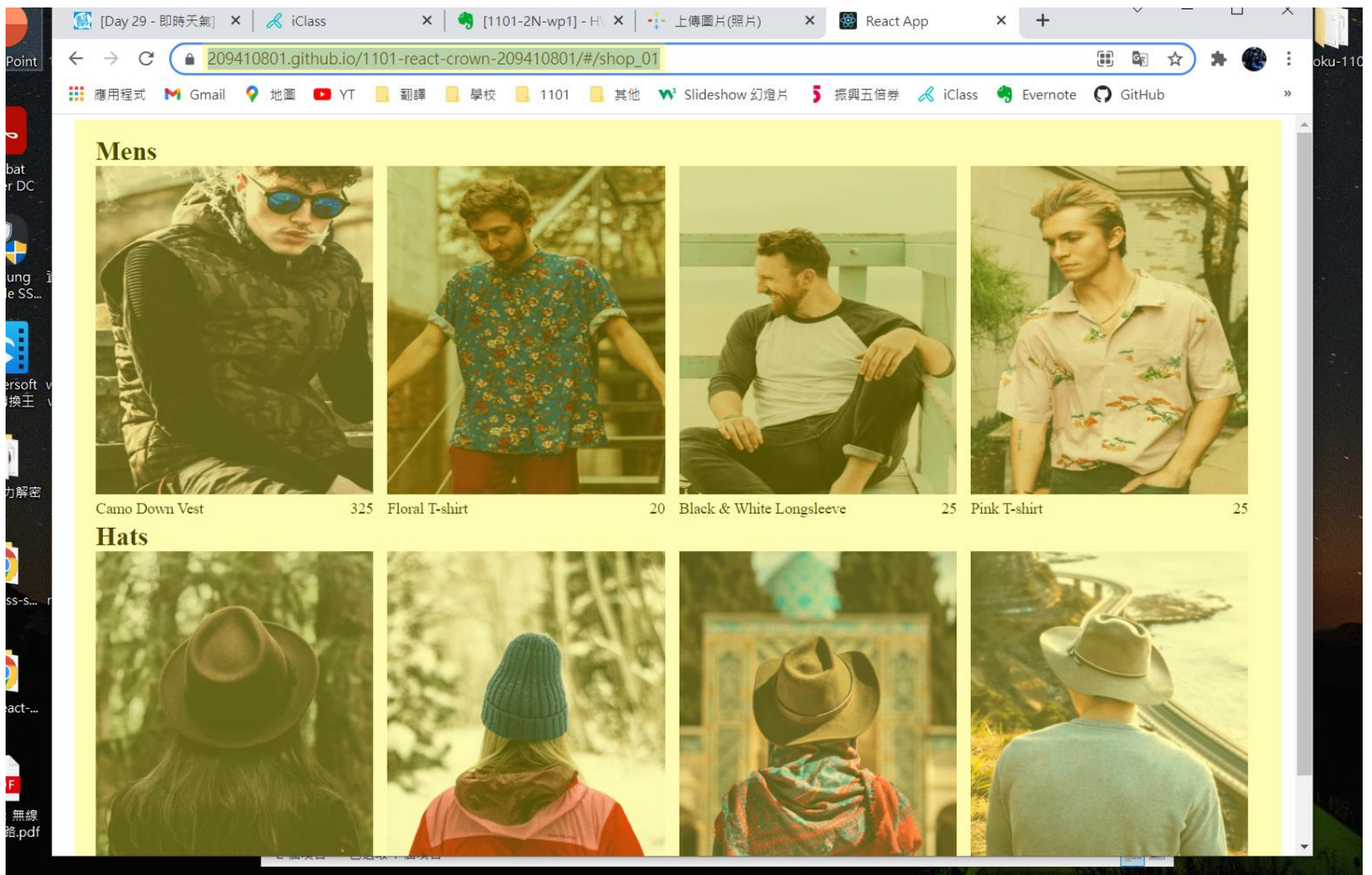
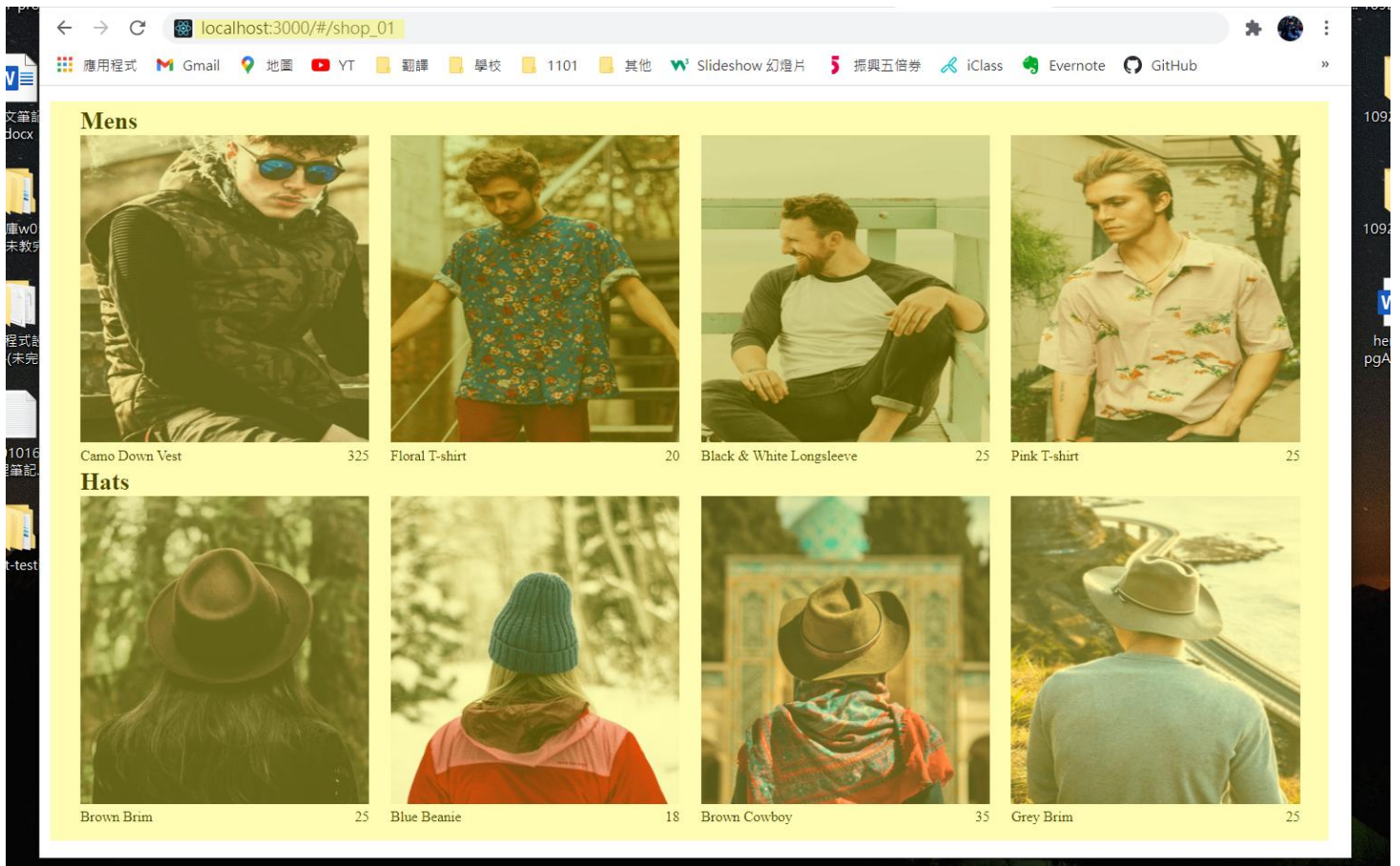
4, 9 -- womens

5, 0 -- mens

如果 c1 = c2 兩個相同，那 c2 就取下一個。要繳交

- 說明 c1, c2 那是坐那兩個
- local 端 Chrome 執行結果截圖
- Github page 執行結果截圖
- 重要相關的原始程式碼

**c1, c2 是 Mens 和 Hats**



```

import React from 'react';
import CollectionItem_01 from '../CollectionItem_01/CollectionItem_01';
import './CollectionPreview_01.scss';

const CollectionPreview_01 = () => {
  return (
    <div className="collection-preview">
      <h2 className="title">Mens</h2>
      <div className="preview">
        <CollectionItem_01
          remoteUrl="https://i.ibb.co/xJS0T3Y/camo-vest.png"
          name=" Camo Down Vest"
          price="325"
        />
        <CollectionItem_01
          remoteUrl="https://i.ibb.co/qMQ75QZ/floral-shirt.png"
          name="Floral T-shirt"
          price="20"
        />
        <CollectionItem_01
          remoteUrl="https://i.ibb.co/55z32tw/long-sleeve.png"
          name="Black & White Longsleeve"
          price="25"
        />
        <CollectionItem_01
          remoteUrl="https://i.ibb.co/RvwnBL8/pink-shirt.png"
          name="Pink T-shirt"
          price="25"
        />
      </div>
      <h2 className="title">Hats</h2>
      <div className="preview">
        <CollectionItem_01
          remoteUrl="https://i.ibb.co/ZYW3VTp/brown-brim.png"
          name="Brown Brim"
          price="25"
        />
        <CollectionItem_01
          remoteUrl="https://i.ibb.co/ypkgK0X/blue-beanie.png"
          name="Blue Beanie"
          price="18"
        />
        <CollectionItem_01
          remoteUrl="https://i.ibb.co/QdJwgmp/brown-cowboy.png"
          name="Brown Cowboy"
          price="35"
        />
        <CollectionItem_01
          remoteUrl="https://i.ibb.co/RjBLWxB/grey-brim.png"
          name="Grey Brim"
          price="25"
        />
      </div>
    </div>
  );
};

```

```

    />
  </div>
</div>
);
};

export default CollectionPreview_01;

```

## CollectionItem\_01:

```

import React from 'react';
import './CollectionItem_01.scss';

const CollectionItem_01 = ({ remoteUrl, name, price }) => {
  return (
    <div>
      <div className="collection-item">
        <img className="image" src={remoteUrl} />
        <div className="collection-footer">
          <span className="name">{name}</span>
          <span className="price">{price}</span>
        </div>
        <button className="custom-button">Add to Cart</button>
      </div>
    </div>
  );
};

export default CollectionItem_01;

```

5. 將目前所完成的 **React code** 放入 **Github** 中，建立的 **repository** 要顯示 **id** 資訊。要繳交

- **repository URL** 及截圖，可以看到你的原始程式碼，
- **Github page** 設定之截圖
- **Github page URL** 及截圖，可以執行 **React** 程式

以上截圖，都必須有網址列，如 **HW1**，上面會顯示 **github page** 的資訊。

**repository URL**



github.com/209410801/1101-react-crown-209410801/settings/pages

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Notifications

Integrations

Deploy keys

Actions

Environments

### GitHub Pages

GitHub Pages is designed to host your personal, organization, or project pages from a GitHub repository.

✓ Your site is published at <https://209410801.github.io/1101-react-crown-209410801/>

**Source**

Your GitHub Pages site is currently being built from the `gh-pages` branch. [Learn more.](#)

Branch: `gh-pages` / (root) Save

**Theme Chooser**

Select a theme to publish your site with a Jekyll theme. [Learn more.](#)

Choose a theme


**Custom domain**

Custom domains allow you to serve your site from a domain other than `209410801.github.io`. [Learn more.](#)

Save Remove

## Github page URL

<https://209410801.github.io/1101-react-crown-209410801/#/>



The image displays a grid of five fashion-related photographs, each featuring a semi-transparent overlay with the text "HATS SHOP NOW". The images are arranged in two rows: the top row contains three images (a person wearing a hat, a rack of clothes, and a pair of shoes), and the bottom row contains two images (a woman and a man). The overall aesthetic is modern and urban.

6. (local) 加入 header，能顯示 logo 及選單，

-- 點選 logo，會回到主頁 (路由 /)

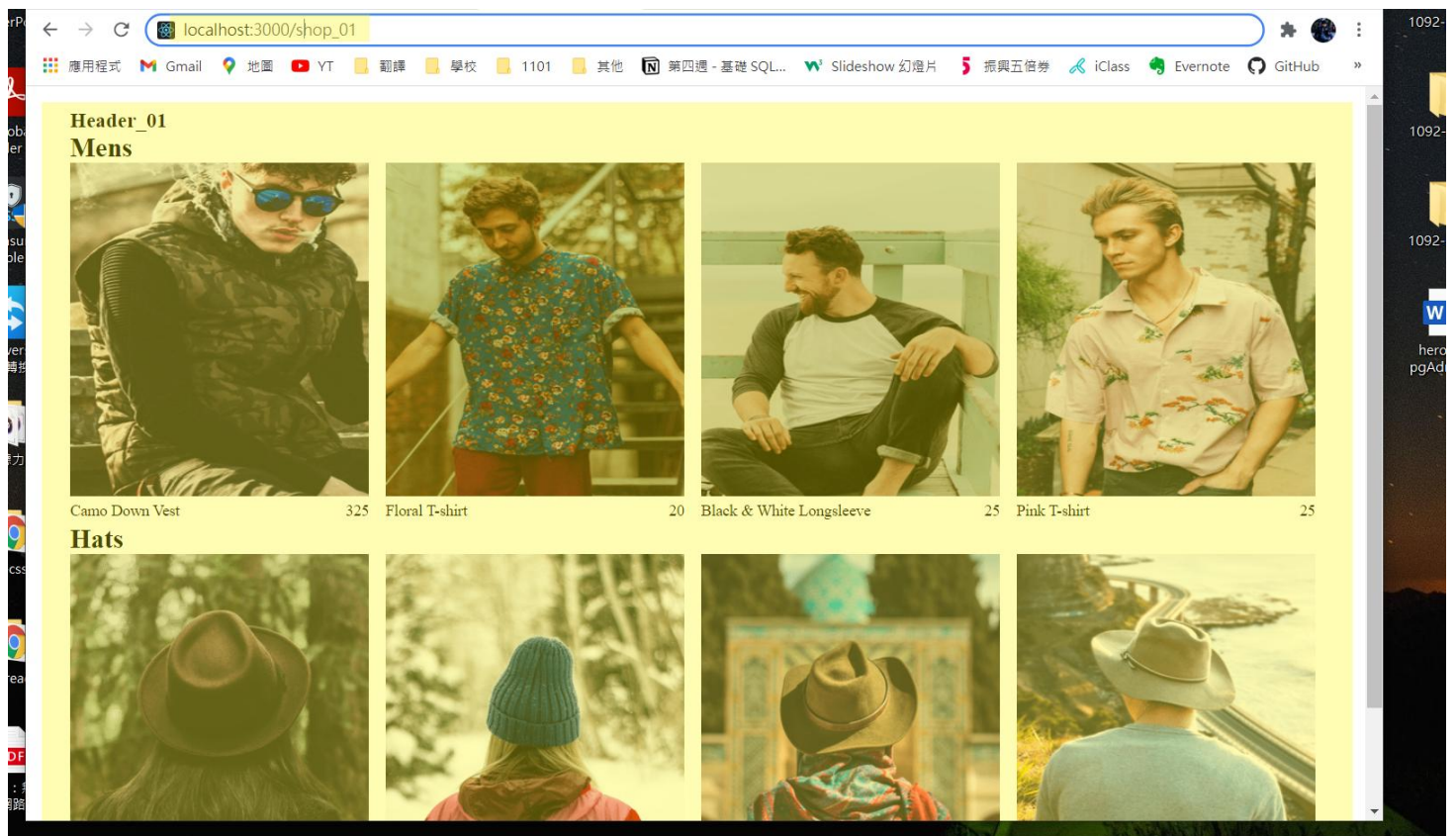
-- 點選 Shop，會到 Shop Overview Page (路由 /shop\_xx)，要能顯示上面第 4 題的內容

-- 點選 Contact，會到 Contact Page (路由 /contact\_xx)

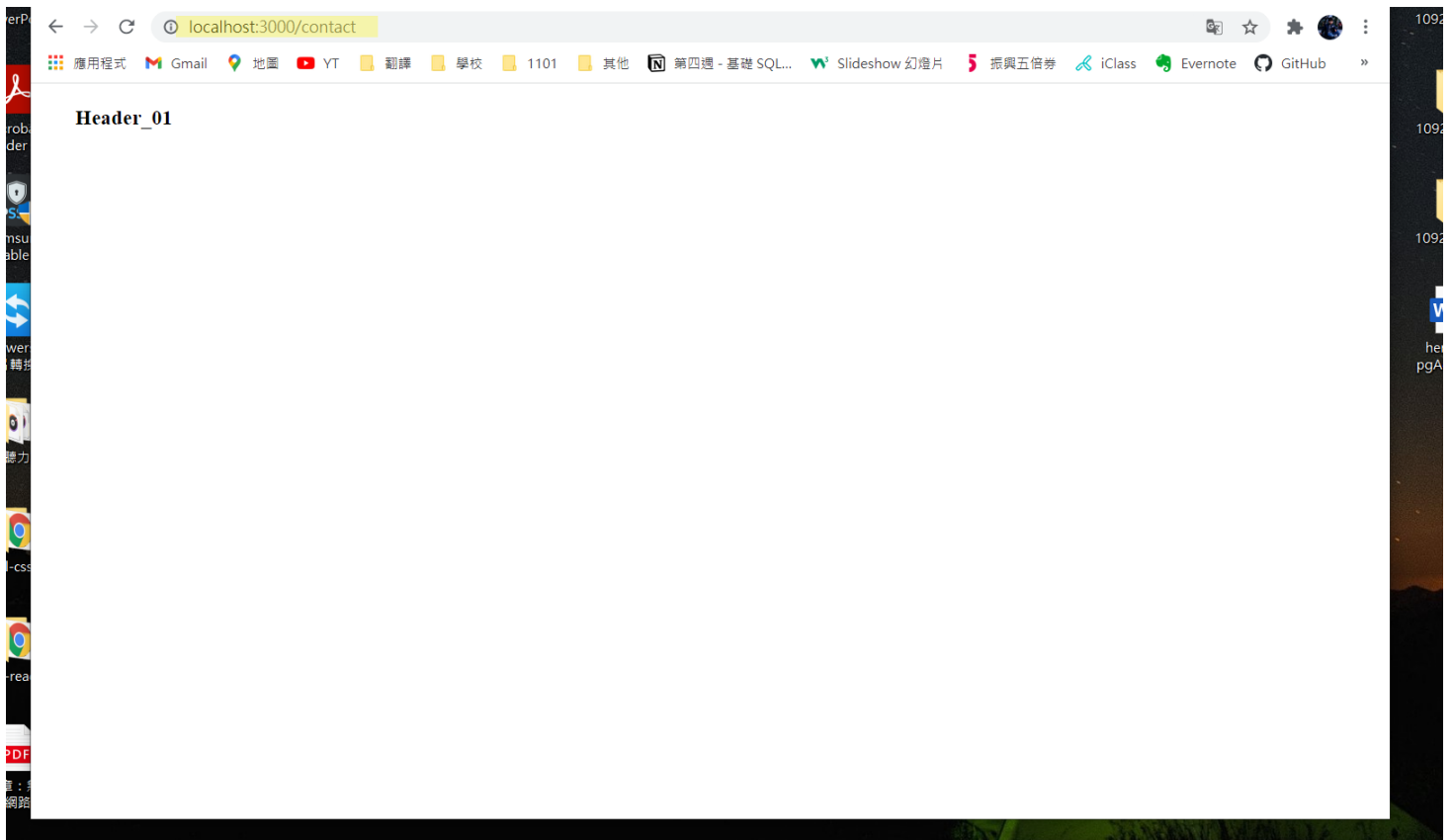
-- 點選 Contact，會到 Signin Page (路由 /signin\_xx)

要繳交

- local 端 Chrome /shop\_xx 執行結果截圖
- local 端 Chrome /contact 執行結果截圖
- 跟路由 /shop\_xx 有關的原始程式碼







## shop\_01:

```
import React from 'react';
import ShopOverviewPage_01 from './pages/ShopOverviewPage_01/ShopOverviewPage_01.js';
import './shop_01.scss';

const shop_01 = () => {
  return (
    <div>
      <ShopOverviewPage_01 />
    </div>
  );
};

export default shop_01;
```

## ShopOverviewPage\_01:

```
import React from 'react';
import CollectionOverview_01 from '../components/CollectionOverview_01/CollectionOverview_01'
import './ShopOverviewPage_01.scss';

const ShopOverviewPage_01 = () => {
  return (
    <div className="shop-page">
      <CollectionOverview_01 />
    </div>
  );
};

export default ShopOverviewPage_01;
```

## CollectionOverview\_01:

```
import React from 'react';
import CollectionPreview_01 from '../CollectionPreview_01/CollectionPreview_01';
import './CollectionOverview_01.scss';

const CollectionOverview_01 = () => {
  return (
    <div className="collection-overview">
      <CollectionPreview_01 />
    </div>
  );
};

export default CollectionOverview_01;
```

## CollectionPreview\_01:

```

import React from 'react';
import CollectionItem_01 from '../CollectionItem_01/CollectionItem_01';
import './CollectionPreview_01.scss';

const CollectionPreview_01 = () => {
  return (
    <div className="collection-preview">
      <h2 className="title">Mens</h2>
      <div className="preview">
        <CollectionItem_01
          remoteUrl="https://i.ibb.co/xJS0T3Y/camo-vest.png"
          name=" Camo Down Vest"
          price="325"
        />
        <CollectionItem_01
          remoteUrl="https://i.ibb.co/qMQ75QZ/floral-shirt.png"
          name="Floral T-shirt"
          price="20"
        />
        <CollectionItem_01
          remoteUrl="https://i.ibb.co/55z32tw/long-sleeve.png"
          name="Black & White Longsleeve"
          price="25"
        />
        <CollectionItem_01
          remoteUrl="https://i.ibb.co/RvwnBL8/pink-shirt.png"
          name="Pink T-shirt"
          price="25"
        />
      </div>
      <h2 className="title">Hats</h2>
      <div className="preview">
        <CollectionItem_01
          remoteUrl="https://i.ibb.co/ZYW3VTp/brown-brim.png"
          name="Brown Brim"
          price="25"
        />
        <CollectionItem_01
          remoteUrl="https://i.ibb.co/ypkgK0X/blue-beanie.png"
          name="Blue Beanie"
          price="18"
        />
        <CollectionItem_01
          remoteUrl="https://i.ibb.co/QdJwgmp/brown-cowboy.png"
          name="Brown Cowboy"
          price="35"
        />
        <CollectionItem_01
          remoteUrl="https://i.ibb.co/RjBLWxB/grey-brim.png"
          name="Grey Brim"
          price="25"
        />
      </div>
    </div>
  );
};

```

```

    />
  </div>
</div>
);
};

export default CollectionPreview_01;

```

## CollectionItem\_01:

```

import React from 'react';
import './CollectionItem_01.scss';

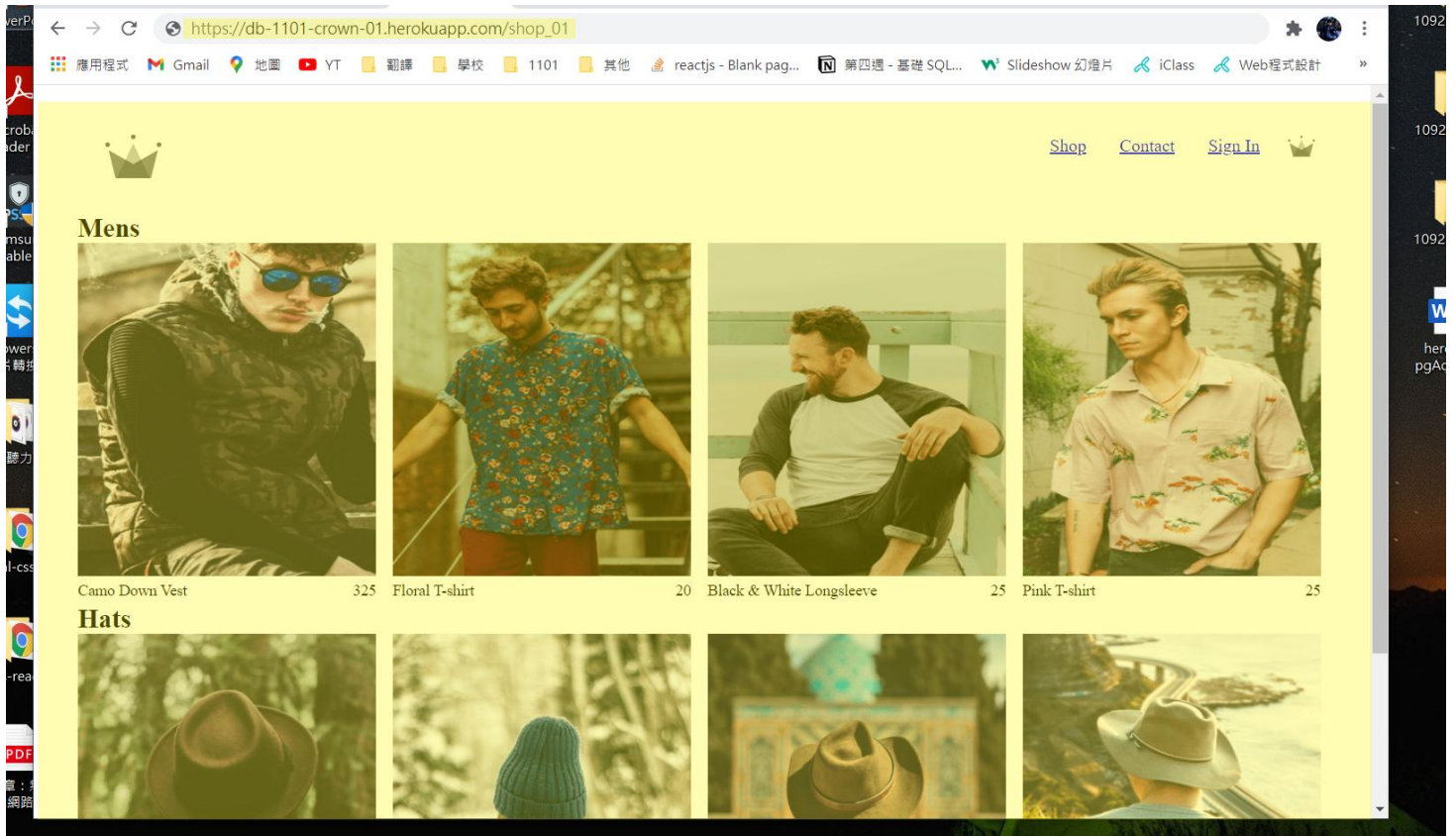
const CollectionItem_01 = ({ remoteUrl, name, price }) => {
  return (
    <div>
      <div className="collection-item">
        <img className="image" src={remoteUrl} />
        <div className="collection-footer">
          <span className="name">{name}</span>
          <span className="price">{price}</span>
        </div>
        <button className="custom-button">Add to Cart</button>
      </div>
    </div>
  );
};

export default CollectionItem_01;

```

7. (heroku) 在 Heroku 上要能顯示第 6 題的 header。要繳交

- Heroku 上 Chrome /shop\_xx 執行結果截圖

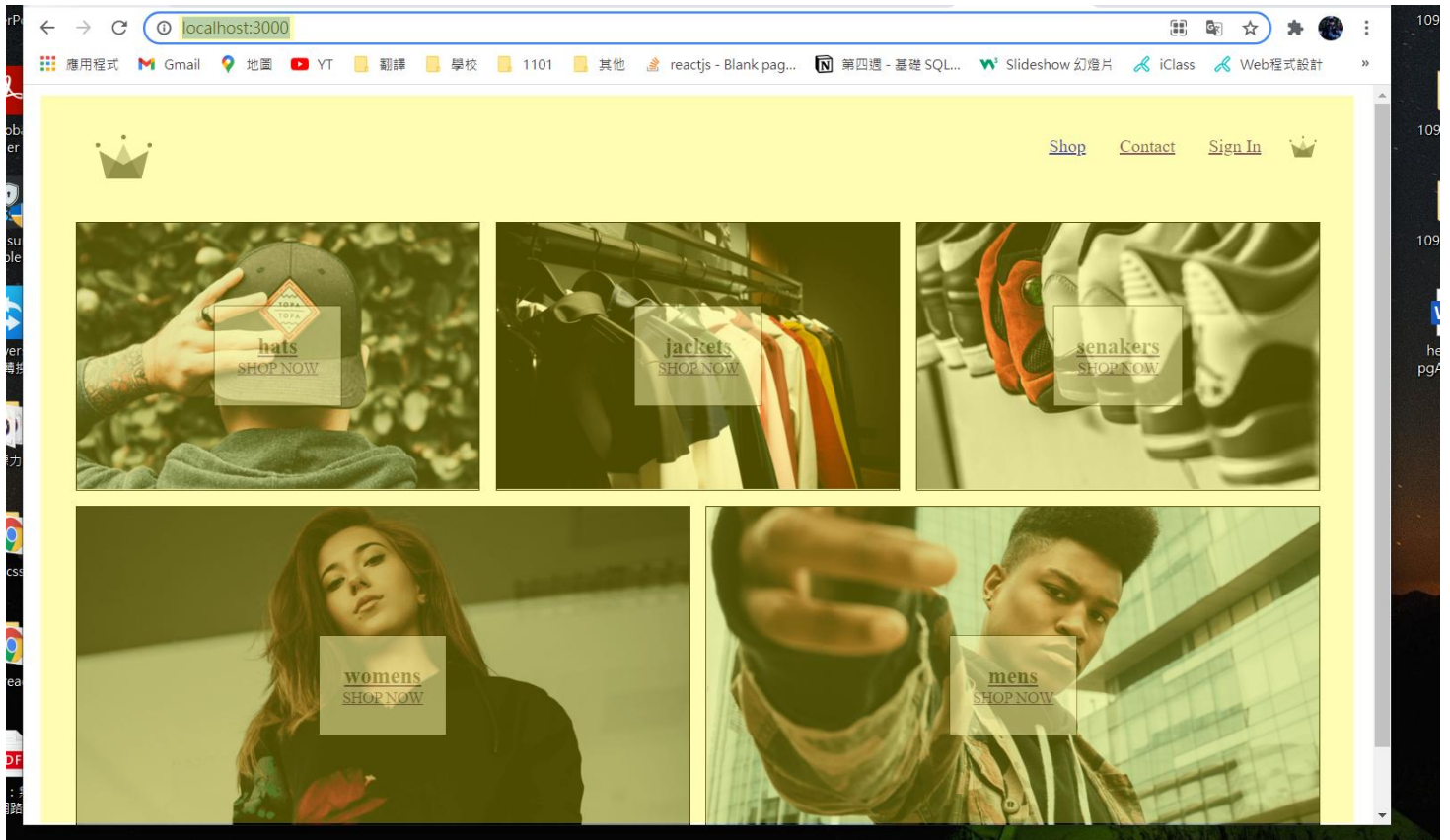


8. (local) 首頁 **category** 五筆資料，能夠透過你個人放在 **Heroku /api\_xx/category\_xx** 取得。如果無法成功，可以先用老師的測試。

[https://crown1101.herokuapp.com/api\\_xx/category\\_xx](https://crown1101.herokuapp.com/api_xx/category_xx)

要繳交

- **local** 執行結果
- **Directory2\_xx** 相關程式截圖
- **Heroku app URL**
- **Heroku Database URL**



Directory2\_xx:

```

import React, { useState, useEffect } from 'react';
import MenuItem2_01 from '../MenuItem2_01/MenuItem2_01';
import axios from 'axios';
import './Directory2_01.scss';

function Directory2_01() {
  const [menuItems, setMenuItems] = useState([]);

  useEffect(() => {
    const fetchMenuItems = async () => {
      const HEROKU_URL =
        'https://db-1101-crown-01.herokuapp.com/api_01/category_01';
      const { data } = await axios.get(HEROKU_URL);
      console.log('/api_01/category_01', data);
      setMenuItems(data);
    };
    fetchMenuItems();
  }, []);

  return (
    <div className="directory-menu">
      {menuItems.map((item) => {
        const { id, name, remote_url, size } = item;
        return (
          <MenuItem2_01
            key={id}
            name={name}
            remote_url={remote_url}
            size={size}
          />
        );
      })}
    </div>
  );
}

export default Directory2_01;

```

## Heroku app URL

## Heroku Database URL:

postgres://awmebvvhvoekkho:387988bd19d16e47964841ef0ee64588020004ba26d37a646c7ab5e05100aa34@ec2-3-221-100-217.compute-1.amazonaws.com:5432/dc53ck4j8vvppi

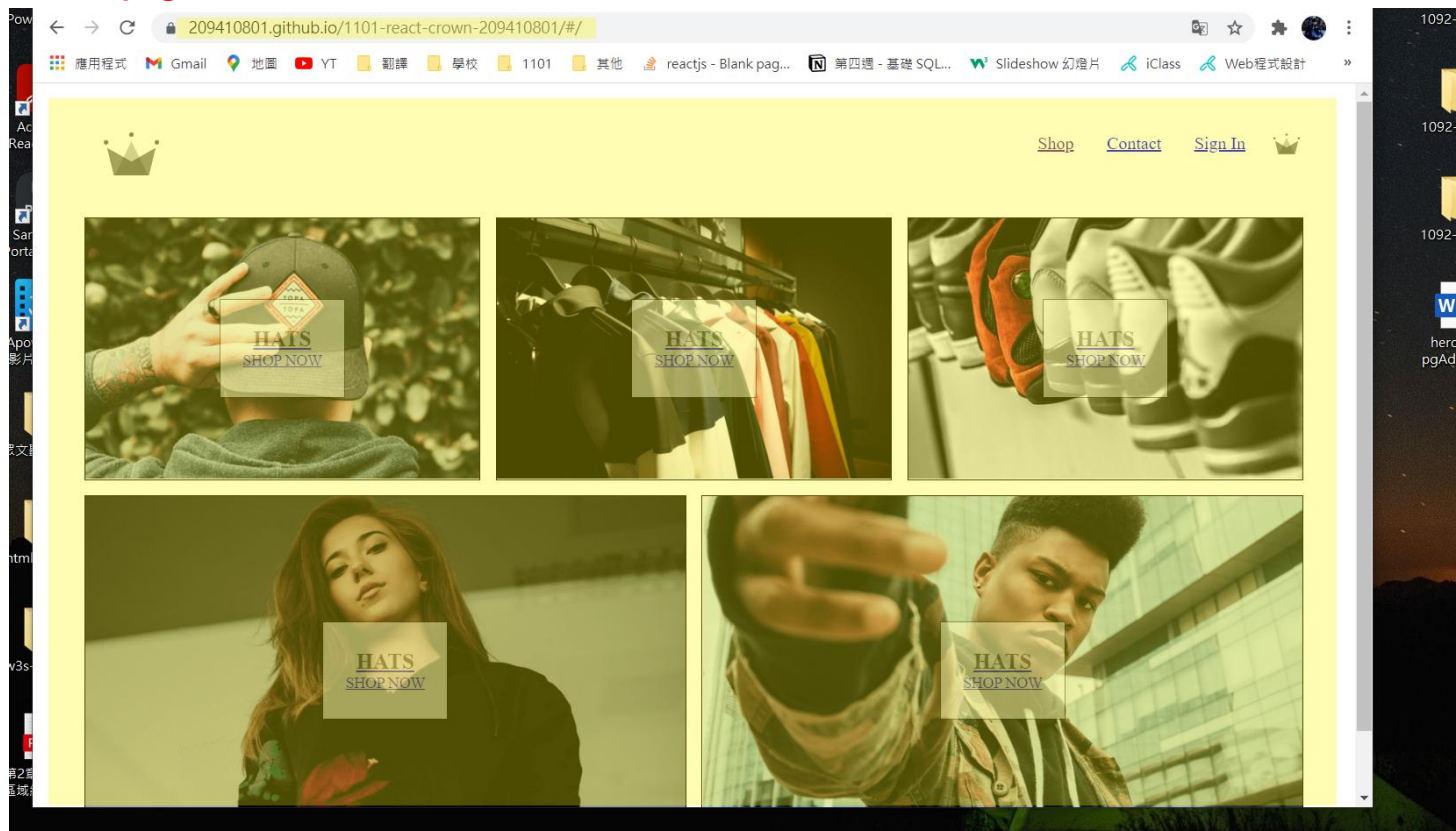
**9. (Github page) 上第 8 題，請將程式碼發佈到 github page，並能直接從 Github page 執行，自 Heroku /api\_xx/category\_xx 取得 category 五筆資料，要繳交**



- Github repo URL
- Github page URL
- Chrome 圖片有關 Github page 執行路由 / 結果
- Chrome 圖片有關 Github page 執行路由 /shop\_xx 結果


Github repo URL


Github page URL




209410801.github.io/1101-react-crown-209410801/#/shop\_01

應用程式Gmail地圖YT翻譯學校1101其他reactjs - Blank pag...第四週 - 基礎 SQL...Slideshow 幻燈片iClassWeb 程式設計




[Shop](#)[Contact](#)[Sign In](#)


### Mens




Camo Down Vest325



Floral T-shirt20







Black & White Longsleeve25



Pink T-shirt25

### Hats



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